OM protein - protein search, using sw model May 10, 2092, 14:46:20 : Search time 9.86 Seconds (without alignments) 1044.910 Million cell updates/Seconds Copyright (c) 1993 - 2000 Compages Etd.

Fittle: Pertect score: 1478 1 MAMMEVGGGPSIGOTGVLIV.....NEHIJIOMDHEASFFGAFLVG 281

Searing table: Gapop 10.0 , dapext 0.5 PICOSUM62

Searched: 100059 segs, 36664827 residues

Total number of hits satisfying chosen parameters:

100059

Minimum DB seq length: 0 Maximum DB seq length: 2000000ບັບັບ

Post-processing: Minimum March 0%
Maximum March 100%
Listing Hirst 45 summaries

Patabase : SwissProt\_89:\*

Fred. No. is the number of results predicted by chance to have a score areator than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SHMMARIES

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## ALIGNMENTS

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EMBL; U37518: AAC50332.1; EMBL; U57059; AAB01233.1; MIM: 603598; InterPro: IPR003263; TNE_5. InterPro: IPR002478; TNF_family. Pfam: PF00229; TNF: 1. ProDom: PF008500; TNF=5; 1. SMAPT: SM00207; TNF: 1. PROSITE; PS00251; TNF_1; 1.	dured the and the are no its confits confits confits confits confits confits confits are in the confits are	TISSUE=Placenta;  TISSUE=Placenta;  MEDLINE-96278649; PubMed*8664110;  MEDLINE-96278649; PubMed*8664110;  Pitti R.M., Maisters S.A., Ruppert S., Donahue C.J., Moore A.,  Askenazi A.;  *Induction of apoptosis by Apo-2 liquand, a new member of the tumor necrosis factor cytokine family.*;  J. Biol. Chem. 271:12687-12990(1996).	MEDIINE-96111955; PubMed=8777713; MEDIINE-96111955; PubMed=8777713; Wiley S.R., Schooley K., Smolak P.J., Din W.S., Huang CP., Nicholl J.K., Sutherland G.P., Davis-Smith T., Rauch C., Smith C.A., Goodwin R.G.; "Identification and characterization of a new member of the TNF family that induces apoptosis.": Immunity 3:674-682(1995).	1 4.

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17-05-2.
101-OCT-1996 (Rel. 34, Created)
01-OCT-1996 (Rel. 34, Last sequence update)
20-ANG-2001 (Rel. 40, Last annotation update)
TUMOR NECROSES FACTOR LIGAND SUPERFAMILY MEMBER 10 (INF-RELATED APOPTOSIS INDUCTING LIGAND) (TRAIL PROTEIN).
EMBL, 937522 AAM (2011)
WBD; MSL:107414; Thistle:
Minetal, 116063263, CHE_5
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[mmunity_5.67.6.67.(1956)]
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"MALIN I 17 SYTOPLASMIC (POTENTIAL).

"MALIN 19 281 EXTRACELLULAR (POTENTIAL).

"MALIN 19 281 EXTRACELLULAR (POTENTIAL).
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SURVELLULAR LOCATION, TYPE II MEMBRANE PROTEIN (POTENTIAL).
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S.R., Schooley K., Smolak P.J., Din W.S., Huang C.-P.,
D.J.K., Sutherland L.E., bawis Gmith T., Barch C., Smith C.A
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Pred. No. 1.3e-114;
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      DR DR DR DR DR DR DR DR DR FT FT
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Watches 177, Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TINII_MOUSE STANDARD; PRT; 316 AA.

035235; 035306;
20-AUG; 2011 (Pel. 40, Created)
20-AUG; 2011 (Pel. 40, Last sequence update)
20-AUG; 2010 (Rel. 40, Last sequence update)
20-AUG; 2001 (Rel. 40, Last annotation update)
TUMOR NECROSIS FACTOR LIGAND SUPERFFAMILY MEMBER 11 (REFEFTOR ACTIVATOR OF NUCLEAR FACTOR KAPPA B LIGAND) (RANKI) (TWF-RELATED ACTIVATION-INDUCED CYTOKINE) (TRANCE) (OSTEOCHASTOGENESIS-INHIBITORY FACTOR)
DIFFERENTIATION FACTOR) (OSTEOCHASTOGENESIS-INHIBITORY FACTOR)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOUSE
Lacey D.L., Timms E., Tan H. L., Kelley M.J., Dunstan C.R., Burgess T., Elliott R., Colombero A., Elliott G., Scully S., Hsu H., Sullivan J., Hawkins N., Davy F., Capparelli C., Eli A., Qian Y.-X.,
                                                                                                                                            "TRANCE is a povel liqued of the tumor necrosis factor receptor family that activates c-Jun N terminal kinase in T cells.";
J. Biol. Chem. 272:25190-25194(1997).
                                                                                                                                                                                                                                                                 TISSUE=Hybridoma;
NEDLINE 97460112; PubMed-9312132;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TRANSMEM
                                                            TISSUE=Bone marrow;
MEDLINE×98227661; PubMed 9568710;
                                                                                                                                                                                                                        Wong B.R., Rho J., Arron J., Robinson E., Orlinick J., Chao M.,
Kalachikov S., Cayani E., Bartlett F.S. JII, Frankel W.N., Lee S.Y.,
                                                                                                                                                                                                                                                                                                                                                                         Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                Mus musculus (Mouse).
                                                                                                                                                                                                                                                                                                                                                                                                                                     TNFSF11 OR PANKL OF TRANCE OR OPGL.
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                                                                                                                                                                                                                                                                                                              SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                   NCBI_TaxID=10090;
                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   127 GSPNSKNEVAG OPKTNSWESSPSCHOFTSNIHLENGELVIHEKGEVVLYSQTYFRFQEE: 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cytokine;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            InterPro: IPR000478; TNF_family.
Pfam; PF00229; TNF; 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         261 KKNDRIFVSVTNEHLMDLDQEASFFGAFLI 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                251 KENDRIFVSVTNEHLIDMDHEASFFGAFLV 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       [44] IIPTSKIRGKTIGGKIESWESSEKGHSEINHVLEKNGELVIEGEGLYYIYSGTYFREGEAE 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17 VIIVETTVILIGSI/VVAVIVVVYFTNEI KOMODYYSKSGIACELKEDDSYMDEVDEESMNSE 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   21 ICIVILIQVILIQAVSVAVTYMYFTNEMKQIQDNYSKIGIACESKTDEDEWDSTDGEILNRP 80
                                                                                                       A N MOSS BLICE.
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1 17 CYTOPLASMIC (POTENTIAL).

18 38 SIGNAL-ANCHOR (TYPE:II MEMBRANE PROTEIN).

39 291 EXTRACELLHIAR (POTENTIAL).

52 N-LLINGED (GLEWIC...) (POTENTIAL).

291 AA: 33477 MM; GENACHOPCLTE802 CRC54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TNF_5; 1.
                                                                                                                                                                                                                                                                                                                                                                                            Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Score 930; DB 1: Length 291; Pred. No. 1.7e-69; No. 1.7e-69; Indels
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